

SEQUENCE LISTING

(1) GENERAL INFORMATION:

- (i) APPLICANT: Pradier, Laurent
Barneoud, Pascal
Delaere, Pia
Perricaudet, Michel
Vigne, Emmanuelle
- (ii) TITLE OF INVENTION: RECOMBINANT ADENOVIRUSES CODING FOR
BRAIN-DERIVED NEUROTROPHIC FACTOR (BDNF)
- (iii) NUMBER OF SEQUENCES: 6
- (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: Rhone-Poulenc Rorer Inc.
 - (B) STREET: 500 Arcola Road, 3C43
 - (C) CITY: Collegeville
 - (D) STATE: PA
 - (E) COUNTRY: USA
 - (F) ZIP: 19426-0997
- (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Floppy disk
 - (B) COMPUTER: IBM PC compatible
 - (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 - (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
- (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER: US
 - (B) FILING DATE:
 - (C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: WO PCT/FR95/00250
 - (B) FILING DATE: 02-MAR-1995
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: FR 94/03191
 - (B) FILING DATE: 18-MAR-1994
- (viii) ATTORNEY/AGENT INFORMATION:
 - (A) NAME: Smith, Julie K.
 - (B) REGISTRATION NUMBER: 38,619
 - (C) REFERENCE/DOCKET NUMBER: ST94014-US
- (ix) TELECOMMUNICATION INFORMATION:
 - (A) TELEPHONE: (610)454-3839
 - (B) TELEFAX: (610)454-3808

(2) INFORMATION FOR SEQ ID NO:1:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 26 base pairs
 - (B) TYPE: nucleic acid

(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

TTCATCGAAT TCCACCAGGT GAGAAG

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(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 25 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

AATATAATCT AGACAACATA AATCC

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(2) INFORMATION FOR SEQ ID NO:3:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 22 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

TAGCTTCATC GATTTCACC AG

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(2) INFORMATION FOR SEQ ID NO:4:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 25 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

AATATAATCT AGACAACATA AATCC

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(2) INFORMATION FOR SEQ ID NO:5:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 30 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: double
 - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(ix) FEATURE:

- (A) NAME/KEY: CDS
- (B) LOCATION: 1..30

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

AGA GGC GAC TAC AAG GAC GAC GAT GAC TAG
Arg Gly Asp Tyr Lys Asp Asp Asp Asp *
1 5 10

30

(2) INFORMATION FOR SEQ ID NO:6:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 10 amino acids
 - (B) TYPE: amino acid
 - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: protein

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

Arg Gly Asp Tyr Lys Asp Asp Asp Asp *

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